

ESTEY

23f
Es

freestanding
bracket type shelving
non-freestanding
bracket type shelving
case type shelving
slotted upright type shelving
multi tier stacks with either
metal or concrete floors
drawer type compact shelving
study carrels, freestanding
study carrels, hanging
magazine racks
workroom equipment
CBI racks
special purpose shelves
partition work
accessories

steel bookstacks
compact drawer shelving
library equipment
and accessories

AIA FILE NO. 35-B-2

ESTEY
CORPORATION



ONE CATHERINE STREET
RED BANK, N. J.

Library Planning Service

Estey Corporation is in a position to offer competent assistance to the Architect or Owner in the planning and engineering of steel bookstack equipment. Whether it be a million volume library, a relatively small public or school library or a special library, the services of Estey's Library Planning specialists and engineers are offered to you without cost or obligation.

The completed library with a stack area properly located, attractive in appearance and functional in operation is invariably the result of careful, thorough planning on the part of the Architect in coordination with the staff of the manufacturer of the bookstack equipment.

COLORS

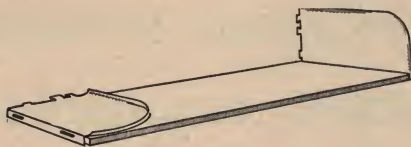
Estey has been responsible for the introduction of modern, decorator colors in the stack areas of many libraries. These color installations have been so enthusiastically received by architects and librarians that color is now being included in the plans for most library projects.

CONSTRUCTION FEATURES

Estey has within the past months completely redesigned and re-engineered its bracket type shelving. Many authorities agree that this equipment is now superior to any other shelving on the market.

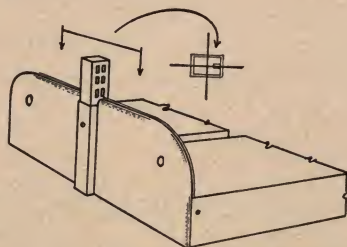
Estey shelves are now available with either the conventional snap-on brackets or with hinged brackets. The use of hinged bracket shelves greatly reduces the cost of installation, and unused shelves can be stored without the possibility of losing or misplacing end brackets.

Our hinged bracket shelves have a special feature which keeps brackets upright while the shelf is being adjusted as to height. This is exclusive with Estey.



The two most important features of Estey shelving are the closed tube upright and extra strong base member. The upright column is of heavy gauge steel, no less than 16 gauge. It is of box type construction, 2" x 2½" in cross section—this closed tube eliminates unsightly flanges which interfere with shelf brackets, and there are no open areas in the post construction to damage books and collect dirt. In addition to providing a stronger, more rigid column, the appearance is greatly enhanced.

Our base firmly grips the upright to provide maximum support, greater rigidity, and enhanced safety factor. There is no better type of base construction available. A practical, positive leveling device is provided.



INSTALLATIONS



Free-Standing Stacks



Compact Drawer Shelving

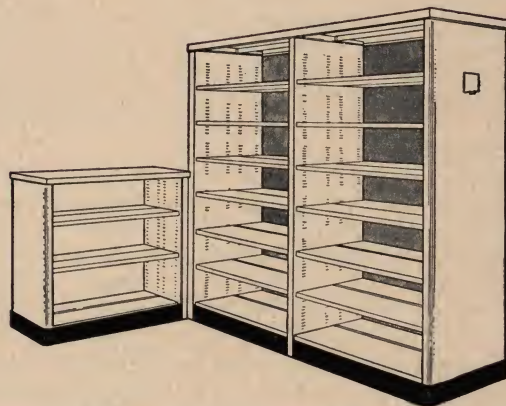


Special Conditions

BOOKSTACKS

case type

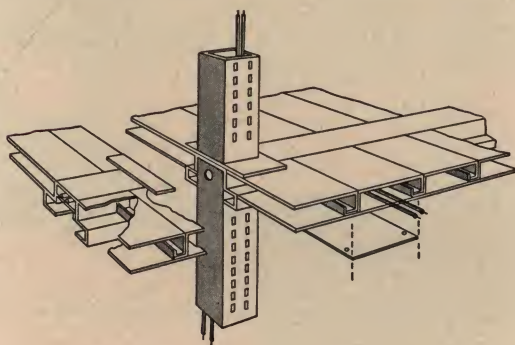
Case type shelving with full depth uprights can be utilized for any bookstack requirement. However, since these are furnished complete with tops and finished end panels, they are particularly well suited for those areas normally seen by the public. The uprights are slotted on $\frac{1}{2}$ " centers to provide maximum adjustability of shelves, and the shelves lock into the uprights to preclude accidental removal. Case type shelving is standard in 42", 60" and 82" heights, but other heights can be furnished. The standard depths are 8", 10" and 12". Case type shelving can be furnished in either the conventional free-standing type or as multi-tier shelving. In the case of multi-tier installations, this shelving is reinforced sufficiently to support the additional floors and uprights.



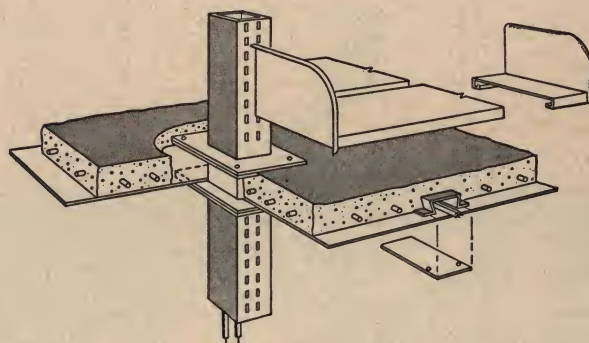
multi-tier bracket type

Multi-tier stacks can be engineered to meet the requirements of either new or existing buildings. By eliminating the need for building floors in the stack area, multi-tier

construction can materially reduce the over-all cost of library construction.



This shows details of a conventional floor deck of cellular steel members: other types of steel floors are available.

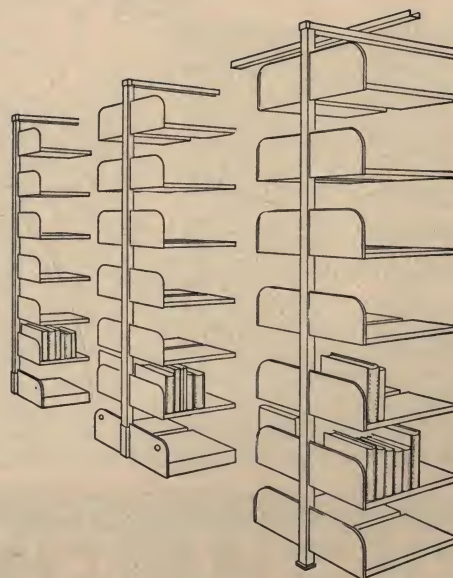


This shows a typical reinforced concrete deck utilizing light weight steel pans as forms for the concrete. This type can also be poured over removable forms.

bracket type

Estey's bracket type book shelving provides maximum flexibility. The double-faced, free-standing type is entirely independent of walls and can be easily relocated to meet changing conditions within the library. To be free-standing, the base shelf must be 2" deeper than the adjustable shelves. If all shelves, including the base shelf, are to be of one depth, overhead tie struts are furnished. The struts fasten the ranges to each other and to the wall. Diagonal sway braces are furnished for all double-faced ranges.

The illustration to the right shows from left to right the single-faced, free-standing type; the double-faced, free-standing type and the double-faced, non free-standing type.



General

Height: Free-standing shelving is standard in 42", 60" and 90" heights. Multiple tier shelving is usually 90" from top to top of decks. The heights are very flexible in both types of shelving.

Aisle width: Where building floors and free standing stacks are used, aisles are very flexible. Main aisles of at least 42" width and range aisles of 3' are desirable. Modern architecture is making extensive use of module design and a 9' x 9' module works

out very well in multi-tier stacks, to provide aisles of 38" and 36" respectively.

Length of Ranges: Any multiple of 3', but preferably not over 24'.

Weight of Books: Approximately 25 lbs. per cu. ft.

Weight of Stacks: Approximately 8 lbs. per cu. ft. of range, not of entire floors.

shelf capacity

Book shelves are standard in depths of 8", 10" and 12" and with a usable length of 35 1/4". In the interest of lower cost, less unused shelf depth and wider aisles, shelves should have as little depth as possible and still allow for proper shelving of material. The average library needs about 90% of the shelving in 8" depth, and 10% in 10" depth. If back numbers of newspapers are retained, 2% of the shelving should be either 12" or 18" depth.

The table to the right represents the average number of books of various classifications stored on the shelves of general and special libraries.

classification	volumes per lineal ft.	volumes per 3' single-faced section	recommended depth of shelf
fiction	9	189	8
economics	8	168	8
gen. circulation	9	189	8
history	7	147	8
law	5	105	8
medical	6	126	8-10
bound periodicals	5	105	10
public documents	5	105	8
reference	7	147	8-10
scientific and technical	6	126	8-10

accessories

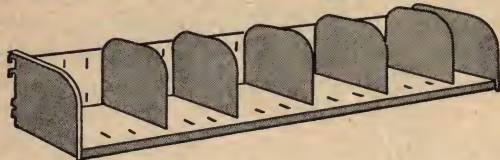
newspaper shelf



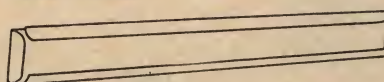
sloping magazine shelf



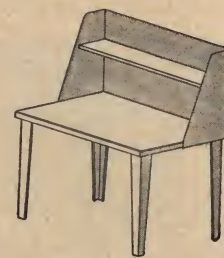
divided shelf



label holder

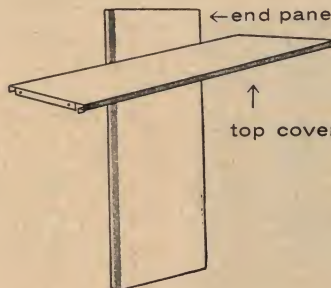


study carrel

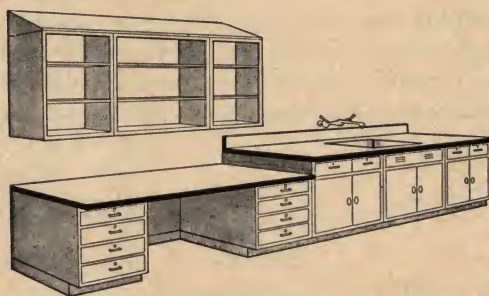


← end panel

↑ top cover



processing station



Our unit type processing or work station provides the finest in work room equipment. The large variety of units and wide range of widths assure maximum utilization of space. Complete literature and specifications available at no cost.

installations

Wellesley College, Wellesley, Mass.
Northwestern State College, Natchitoches, La.
Howard University, Washington, D. C.
East Orange Public Library, (Ampere Branch) E. Orange, N. J.
Central State College, Edmond, Okla.
Brooklyn Public Library, (Rugby Branch) Brooklyn, N. Y.
Mount St. Vincent College, Mount St. Vincent on Hudson, N. Y.
Assumption College, Worcester, Mass.
Raymond Memorial Library, East Hartford, Conn.
Georgetown University, Washington, D. C.
Society of the Four Arts, Palm Beach, Fla.

University of Wisconsin, Madison, Wisconsin
Macalester College, St. Paul, Minn.
Department of Health Library, Madison, Wisconsin
Fairfield University, Fairfield, Connecticut
Jacksonville University, Jacksonville, Fla.
St. Petersburg Junior College, St. Petersburg, Fla.
Hammond Public Library, Hammond, La.
New Orleans Public Library, New Orleans, La.
Aberdeen Proving Grounds, Aberdeen, Md.
Milton Public Library, Milton, Mass.
Ann Arbor Public Library, Ann Arbor, Michigan
Maplewood Memorial Library, Maplewood, N. J.

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